

ABSTRACT

The present invention provides a fast testing system and method for optical transceiver, which integrates multiple testing machines in the testing environment for the optical transceiver, so that the user can employ the testing system for optical transceiver for rapid and simultaneous measurement of multiple products, and further improving the production efficiency. Moreover, with a combination of optical channel selector with a set of digital communication analyzer and spectrum analyzer, a plurality of products to be tested can be switched for parametric inspection, and by combining a tree coupler to synchronously transmit the measurement signals of the standard sample to the product to be tested in a multi-port transmission to further measure the bit error ratio. Thus, the product analysis report for the user is in real-time, so as to effectively improve the competitiveness of the industry.